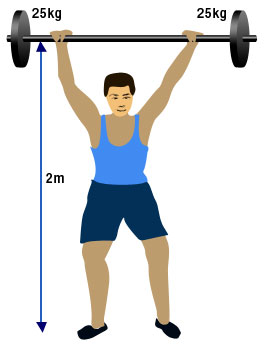
1. Work is the product of…
   1. Speed and force
   2. Force and distance
   3. Power and force
   4. Motion and force
2. The formula for work is…
   1. W= F/d
   2. W= d/F
   3. W= Fd
   4. W= Fd2
3. Which of the following is a (final/overall) unit of work?
   1. Joule
   2. Watt
   3. Horsepower
   4. Newton
4. How much work, in Nm, is done when a 10.0N force moves an object 2.5m?
   1. 0.25 Nm
   2. 2.5 Nm
   3. 25 Nm
   4. 4.0 Nm
5. A weightlifter lifts a bar above his head as shown below… Using the information in the picture determine the work done by the weightlifter.



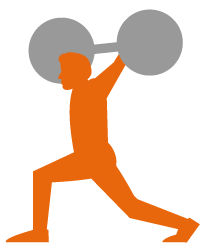
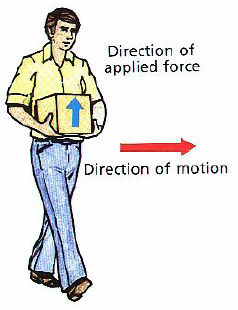
a. 500 J

b. 250 J

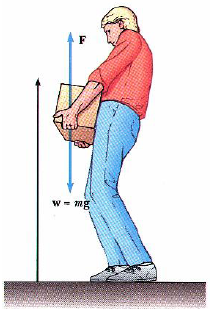
c. 125 J

d. 1000 J

1. In which of the following situations is work **NOT** taking place?



* 1. c.



* 1. d.

